

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107704.D
 Acq On : 26 Jul 2018 17:17
 Operator : JU/SJ
 Sample : J4152-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.201	483	487	501	rBV	408362	656512	13.31%	1.496%
2	5.601	551	555	588	rBV	2377155	4145039	84.03%	9.446%
3	6.601	721	725	744	rBV	2629602	4244858	86.05%	9.674%
4	6.736	744	748	773	rVB	3416120	4520006	91.63%	10.301%
5	6.966	783	787	809	rVV	571238	951862	19.30%	2.169%
6	7.119	809	813	840	rVB	2672459	3396959	68.86%	7.741%
7	7.525	878	882	906	rBV	1897795	2882449	58.43%	6.569%
8	8.242	1000	1004	1024	rBV	1000226	1336779	27.10%	3.046%
9	9.242	1169	1174	1177	rBV	68393	61757	1.25%	0.141%
10	9.319	1182	1187	1196	rBV	4249444	4933034	100.00%	11.242%
11	9.707	1248	1253	1260	rBV2	273562	375974	7.62%	0.857%
12	10.001	1299	1303	1316	rVB	1390448	1467550	29.75%	3.344%
13	10.407	1368	1372	1375	rBV2	38091	50303	1.02%	0.115%
14	10.630	1405	1410	1412	rBV	93574	102890	2.09%	0.234%
15	10.795	1434	1438	1451	rBV	2566621	3462832	70.20%	7.891%
16	10.895	1451	1455	1464	rVB2	175637	284635	5.77%	0.649%
17	11.142	1493	1497	1500	rBV3	43669	57473	1.17%	0.131%
18	11.360	1531	1534	1537	rBV	104962	87702	1.78%	0.200%
19	11.495	1553	1557	1569	rBV	1297508	1612084	32.68%	3.674%
20	12.001	1640	1643	1647	rBV	293443	341554	6.92%	0.778%
21	12.113	1658	1662	1664	rBV2	44136	51591	1.05%	0.118%
22	12.554	1733	1737	1740	rBV2	54778	76685	1.55%	0.175%
23	12.713	1761	1764	1768	rBV	141298	153569	3.11%	0.350%
24	12.948	1797	1804	1809	rBV	219786	319622	6.48%	0.728%
25	13.083	1822	1827	1837	rBV	3928094	4239503	85.94%	9.661%
26	13.377	1875	1877	1887	rVB2	44826	62886	1.27%	0.143%
27	13.954	1972	1975	1981	rBV	338301	379790	7.70%	0.866%
28	14.148	2002	2008	2020	rBV2	937005	1318324	26.72%	3.004%
29	14.277	2027	2030	2034	rBV	51424	53048	1.08%	0.121%
30	14.583	2079	2082	2089	rVB3	67967	84660	1.72%	0.193%
31	14.901	2133	2136	2139	rVB	84788	81239	1.65%	0.185%
32	14.983	2146	2150	2155	rVB	154282	164420	3.33%	0.375%
33	15.218	2187	2190	2192	rBV2	47061	60554	1.23%	0.138%
34	15.254	2193	2196	2200	rVB2	130568	154903	3.14%	0.353%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.612	2254	2257	2260	rBV	41317	57740	1.17%	0.132%
36	15.677	2260	2268	2284	rVB	726672	1342907	27.22%	3.060%
37	16.112	2338	2342	2348	rVB	134603	207905	4.21%	0.474%
38	16.653	2430	2434	2438	rVB	71387	99160	2.01%	0.226%

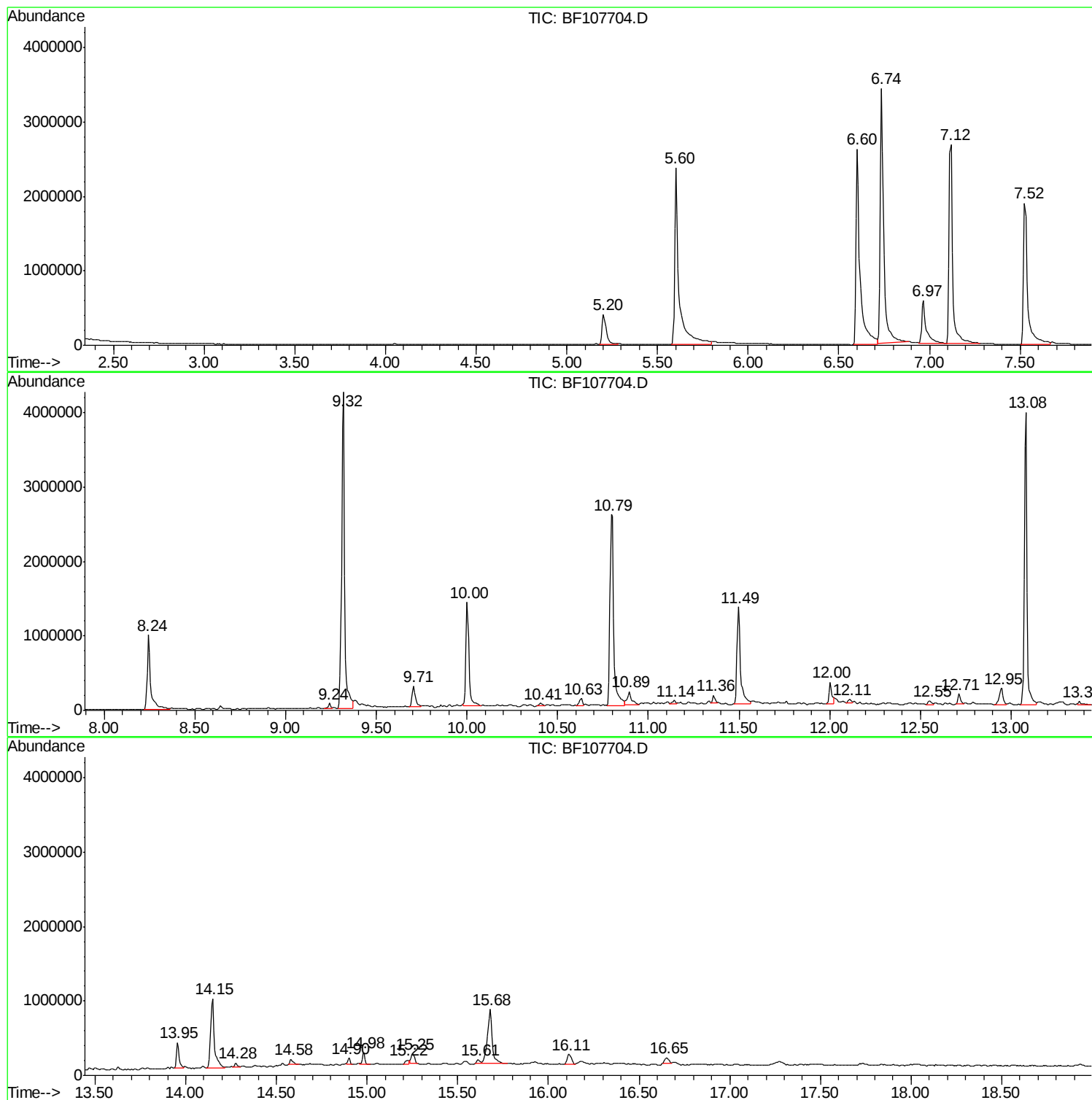
Sum of corrected areas: 43880758

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
LA-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

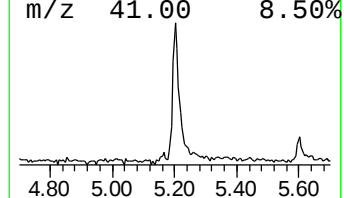
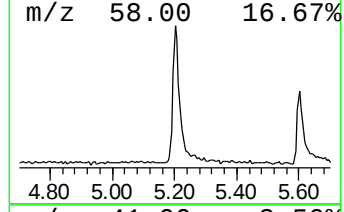
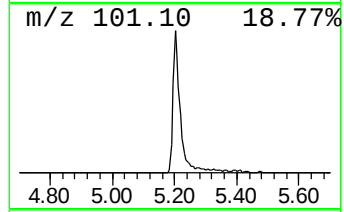
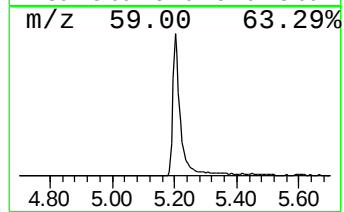
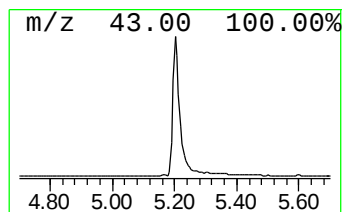
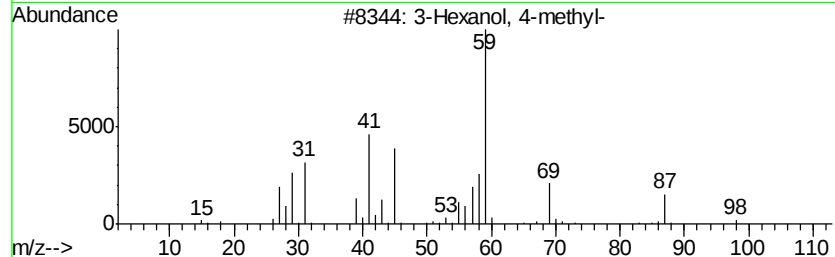
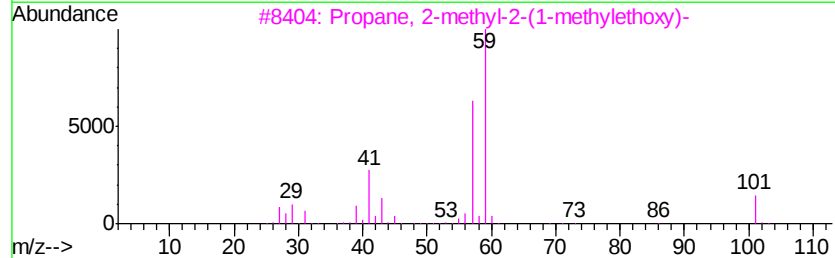
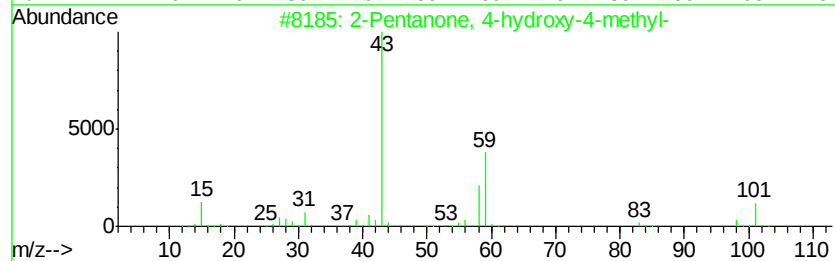
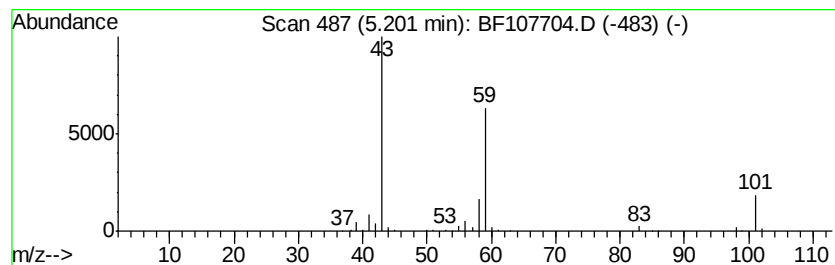
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	13.79 ng	656512	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

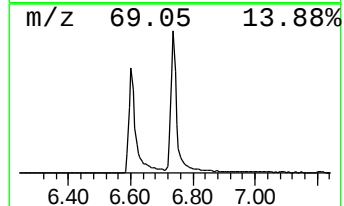
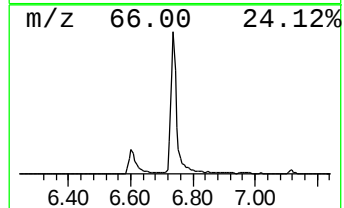
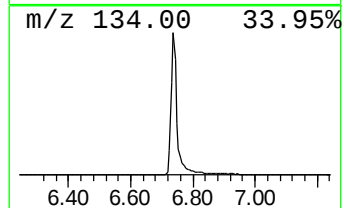
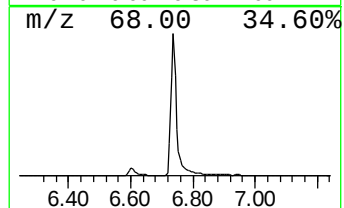
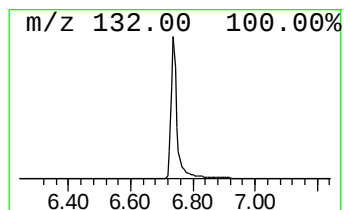
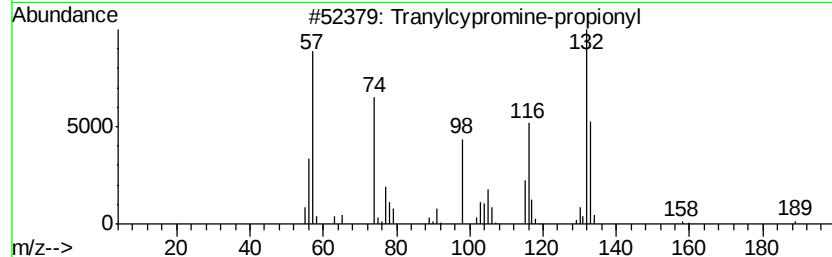
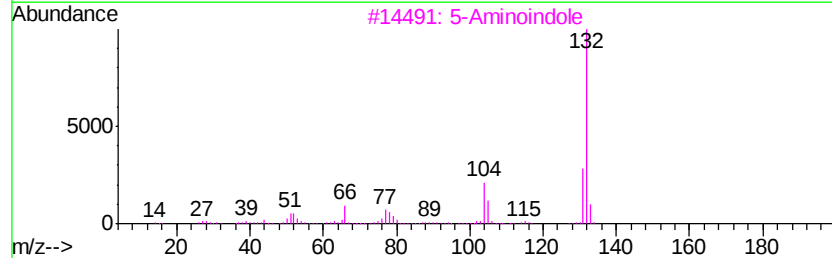
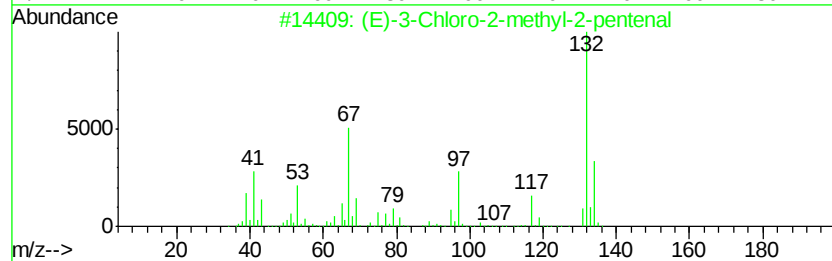
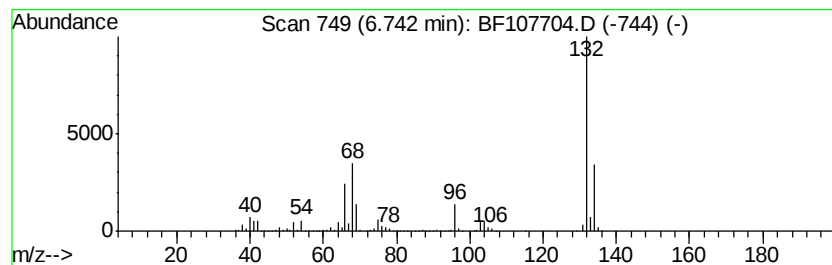
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	94.97 ng	4520010	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

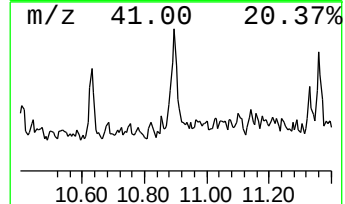
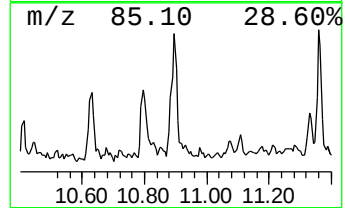
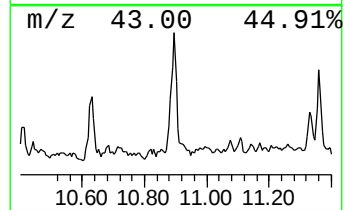
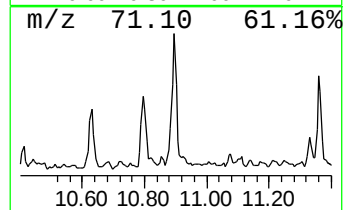
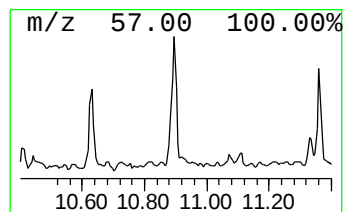
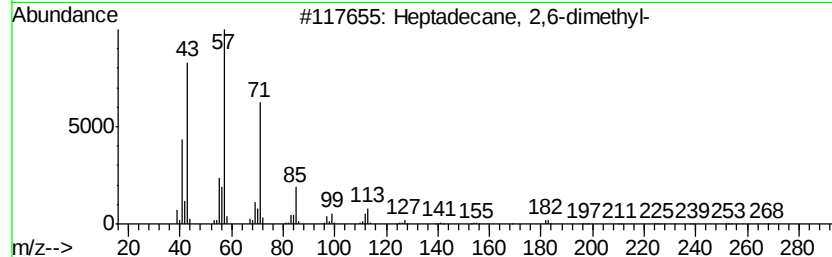
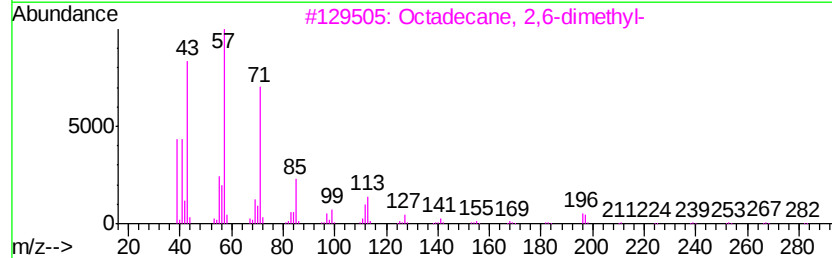
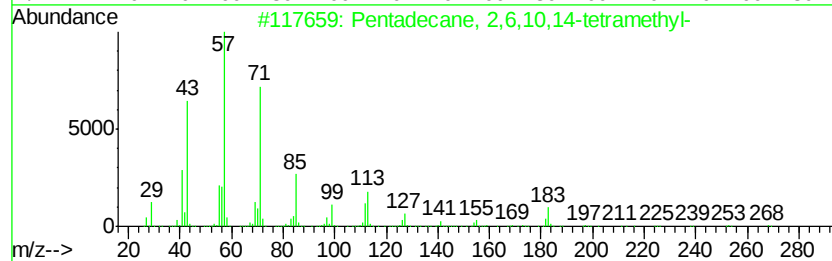
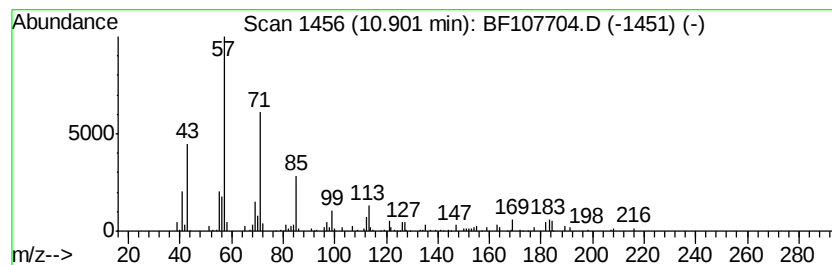
Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	3.53 ng	284635	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

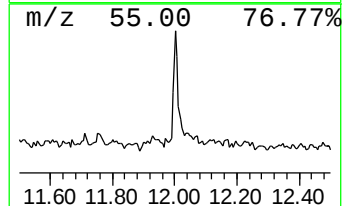
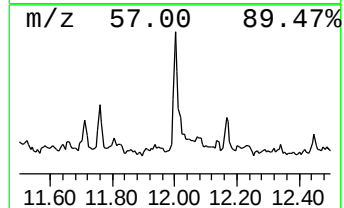
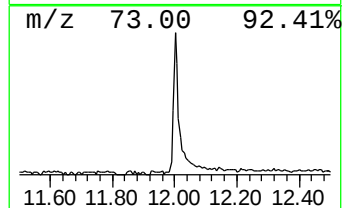
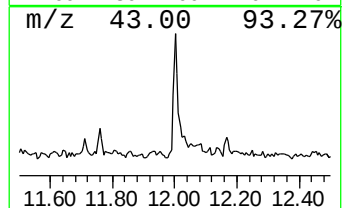
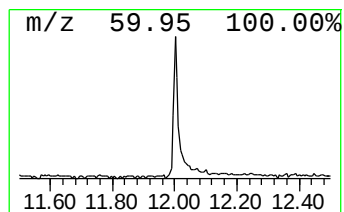
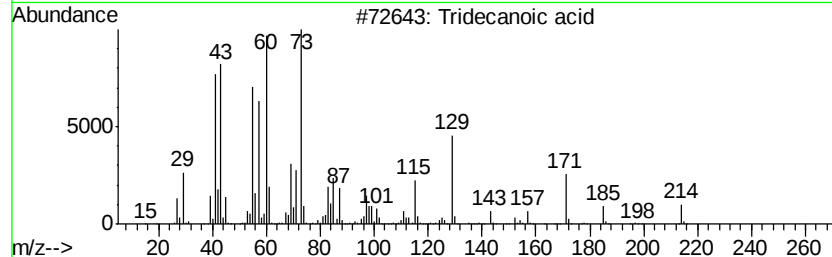
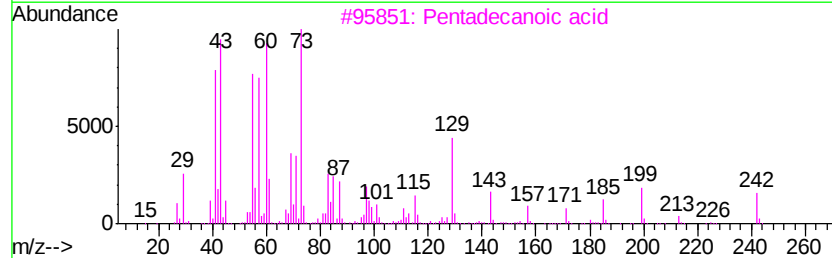
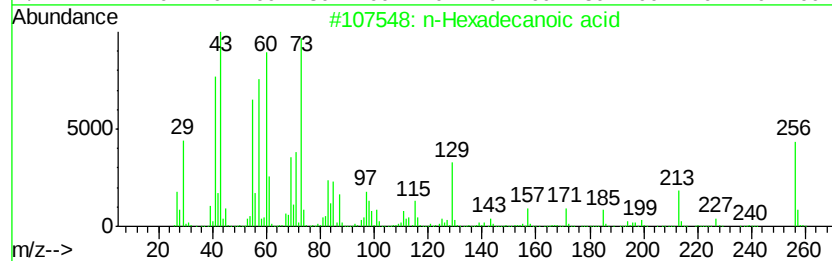
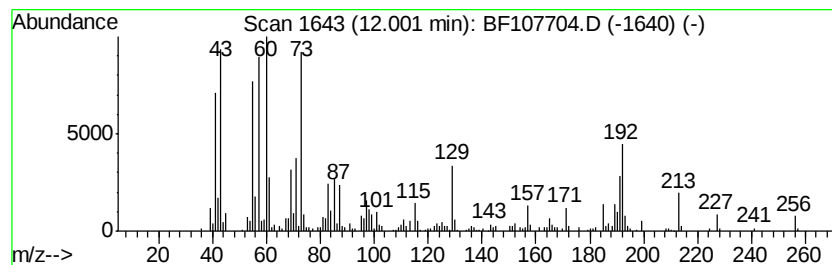
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.24 ng	341554	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		Undecanoic acid	186	C11H22O2	000112-37-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

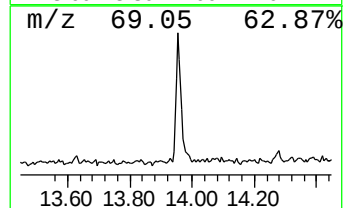
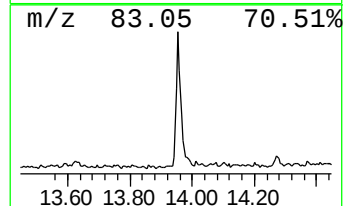
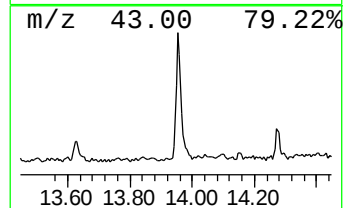
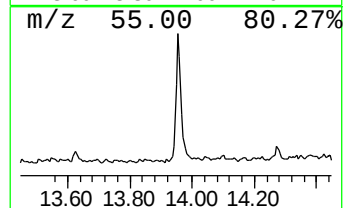
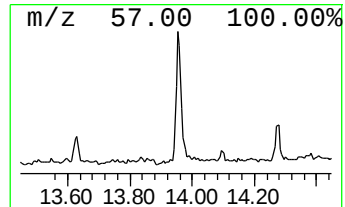
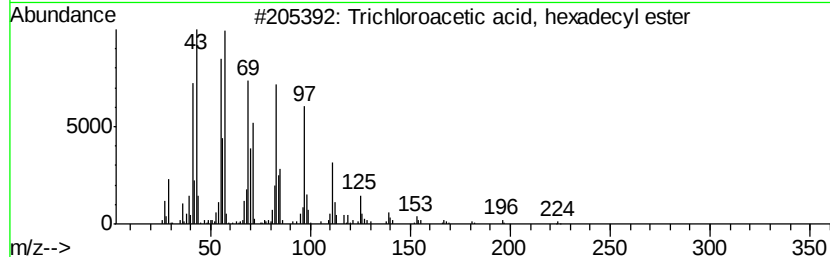
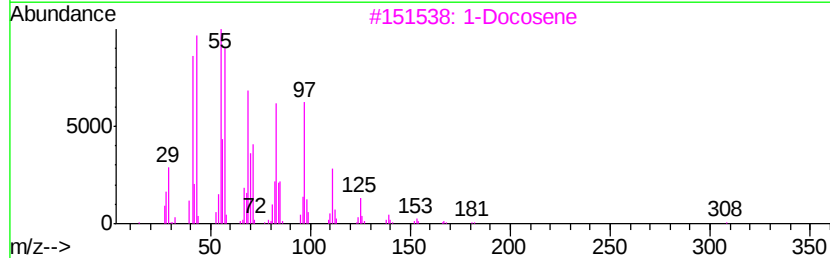
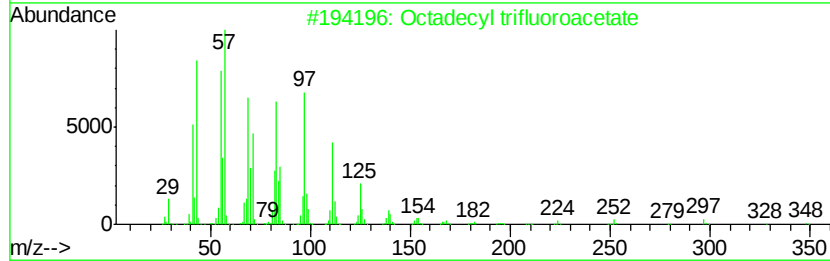
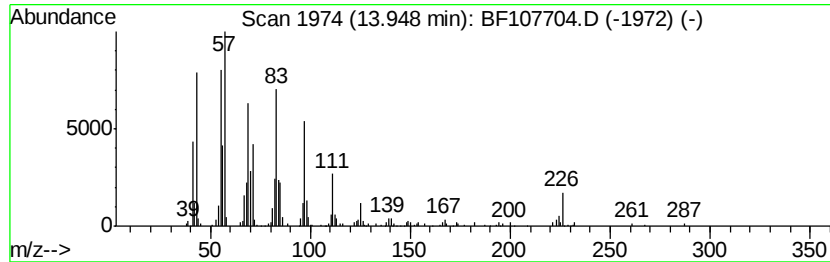
Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.95	5.76 ng	379790	Chrysene-d12	14.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

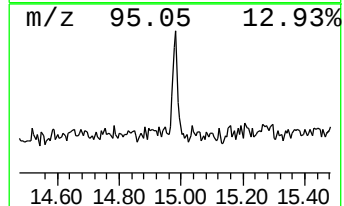
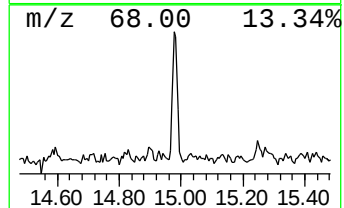
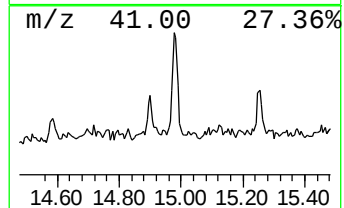
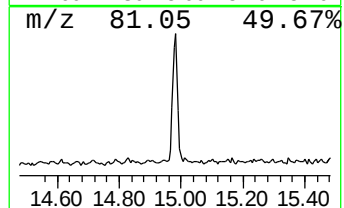
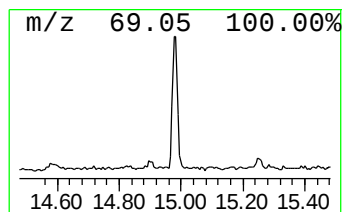
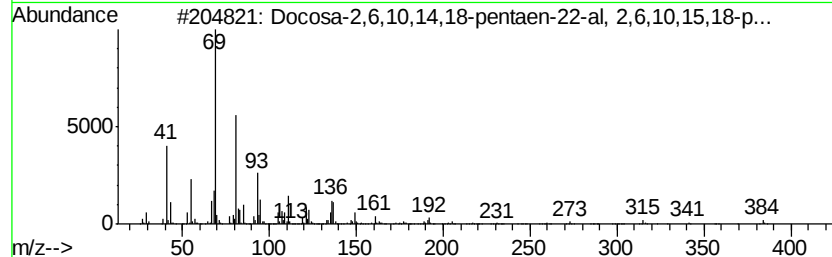
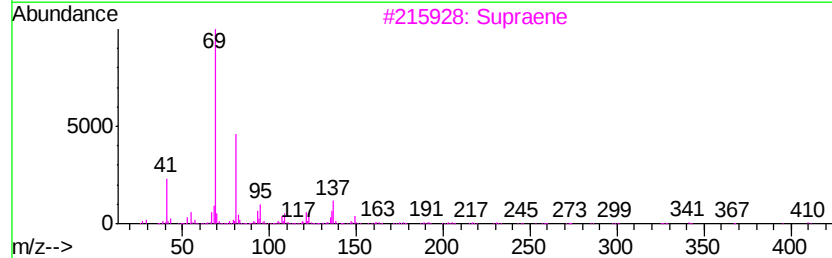
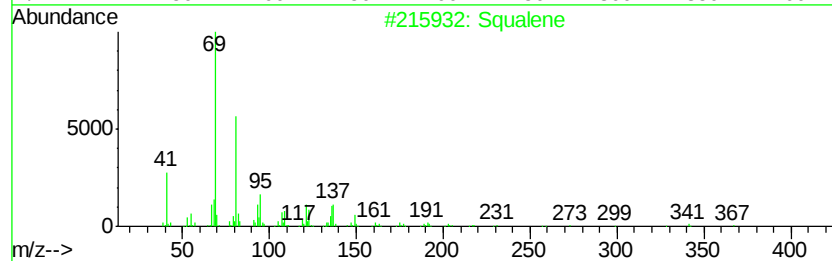
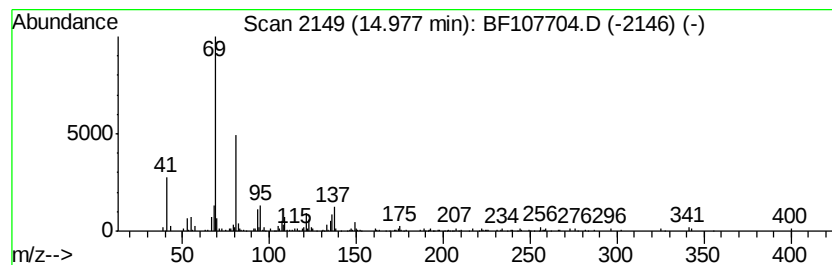
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.45 ng	164420	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	87
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		trans-Farnesol	222	C15H26O	000106-28-5	64
5		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

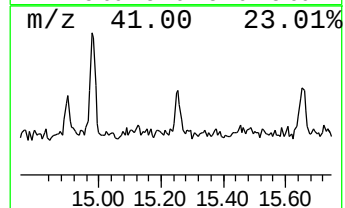
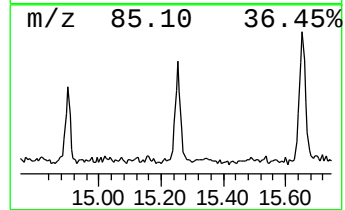
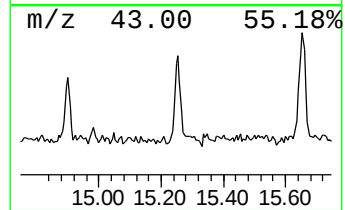
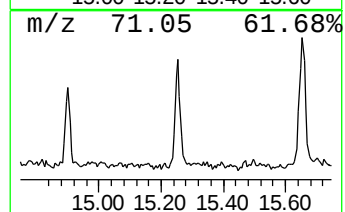
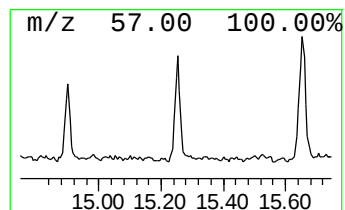
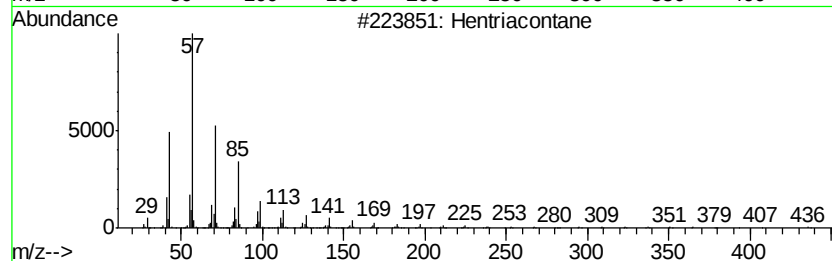
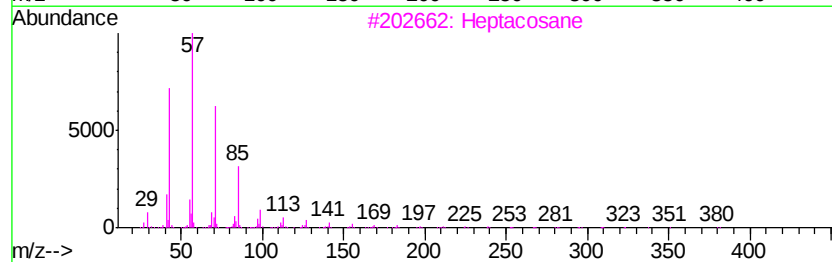
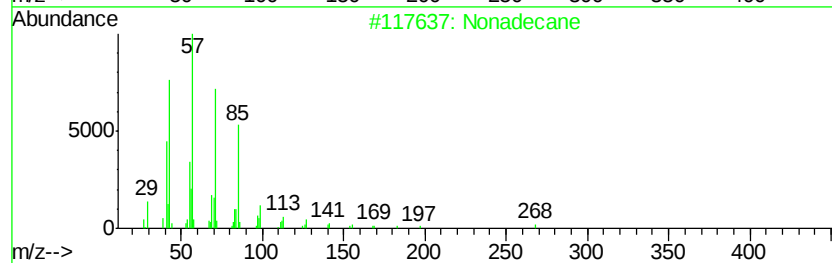
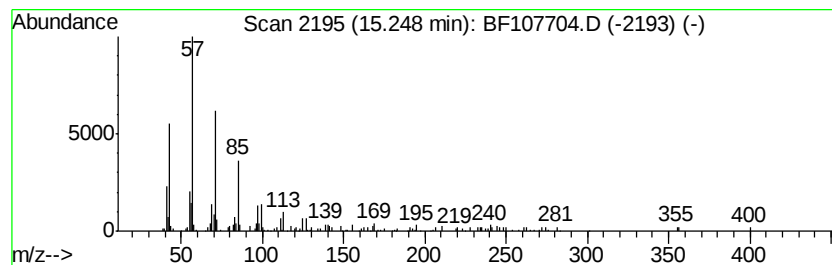
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.31 ng	154903	Perylene-d12	15.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	89
2	Heptacosane		380	C27H56	000593-49-7	87
3	Hentriacontane		437	C31H64	000630-04-6	86
4	Dodecane		170	C12H26	000112-40-3	80
5	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

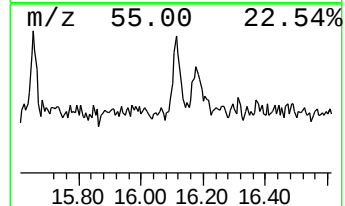
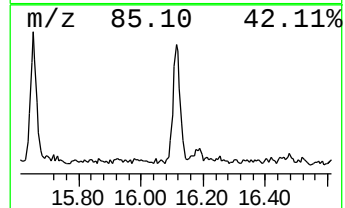
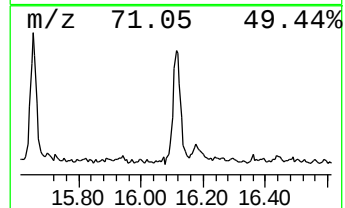
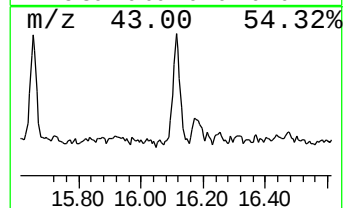
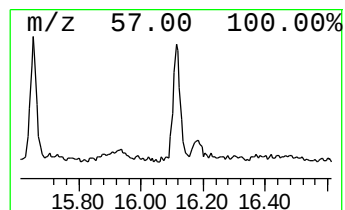
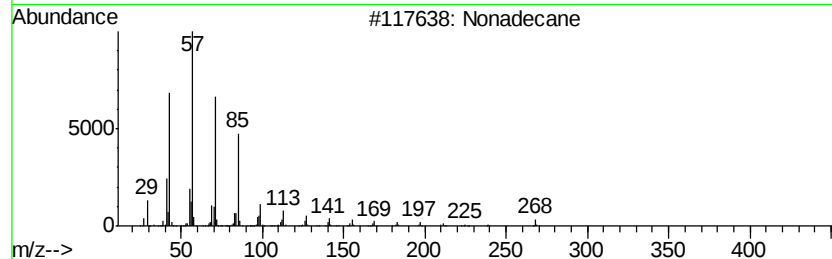
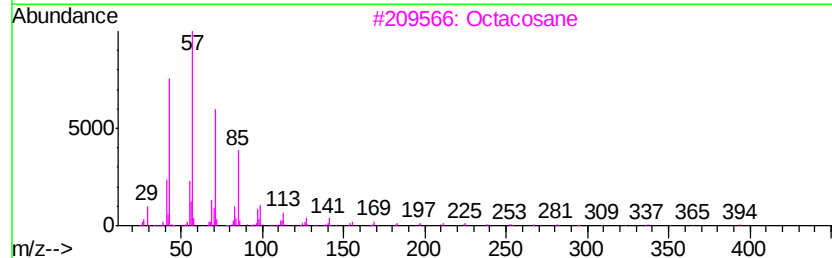
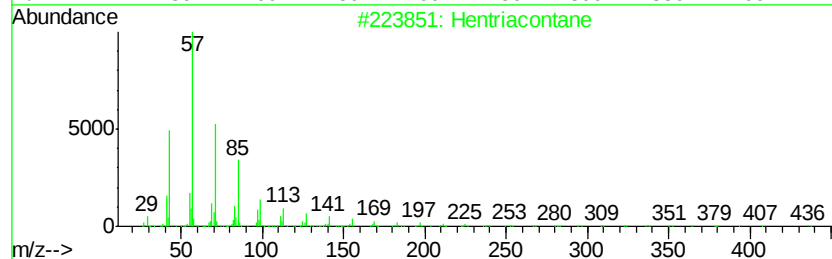
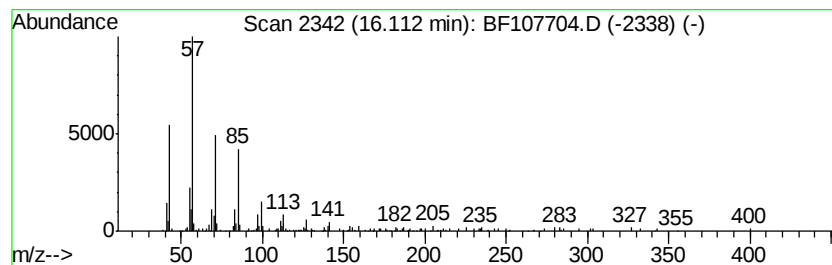
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.10 ng	207905	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	83
2		Octacosane	394	C28H58	000630-02-4	83
3		Nonadecane	268	C19H40	000629-92-5	80
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107704.D
Acq On : 26 Jul 2018 17:17
Operator : JU/SJ
Sample : J4152-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	13.8	ng	656512	1	6.97	951862	20.0
unknown6.74	6.74	95.0	ng	4520010	1	6.97	951862	20.0
Pentadecane, 2,6,...	10.90	3.5	ng	284635	4	11.49	1612080	20.0
n-Hexadecanoic acid	12.00	4.2	ng	341554	4	11.49	1612080	20.0
Octadecyl trifluo...	13.95	5.8	ng	379790	5	14.15	1318320	20.0
Squalene	14.98	2.5	ng	164420	6	15.68	1342910	20.0
Nonadecane	15.25	2.3	ng	154903	6	15.68	1342910	20.0
Hentriacontane	16.11	3.1	ng	207905	6	15.68	1342910	20.0